

Amendments to Claims:

Listing of Claims:

Claims 1-17 (Canceled).

18. **(Currently amended)** In an Internet-coupled network for electronically linking at least one fixed vendor processor to at least one mobile buyer processor, a method for transacting between vendor and buyer processors, the method comprising the steps of:

- determining a first location of a mobile buyer processor coupled to the Internet;
- receiving from the mobile buyer processor a first transaction message; and
- sending to the mobile buyer processor a second transaction message indicating a first fixed vendor processor proximately disposed to the first location, wherein the second transaction message is caused to be sent adaptively by software that matches a mobile buyer interest with a fixed vendor service or product by using past movement or location pattern of the mobile buyer, thereby facilitating local transaction efficiently between the mobile buyer and a nearby vendor, the second transaction message indicating real-time inventory and location-based pricing of service or product of interest to the mobile buyer available at the nearby vendor, the software providing access by the vendor processor to a video surveillance of the mobile buyer, thereby enabling visual recognition of a personal image of such mobile buyer, the software being partitioned modularly or layered hierarchically in a first core component comprising a database, and a next functional component comprising a transaction module, whereby one or more software agent may function cooperatively with or use the first core or next functional component to enable extended or integrated network transaction between vendor and buyer processors.

19. **(Previously presented)** The method of Claim 18 further comprising the steps of:

determining a second location of the mobile buyer processor;
receiving from the mobile buyer processor a third transaction message; and
sending to the mobile buyer processor a fourth transaction message indicating a second
fixed vendor processor proximately disposed to the second location.

20. **(Canceled)**

21. **(Canceled)**

22. **(Previously presented)** The method of Claim 18 wherein:
the first location is determined by a mobile detector coupled to such mobile buyer
processor when such mobile buyer processor is moveable within an observable range.

23. **(Previously presented)** The method of Claim 22 wherein:
the mobile detector comprises an accelerometer.

24. **(Previously presented)** The method of Claim 18 wherein:
a vendor processor employs a software agent associated with the mobile buyer
processor to access a database.

25. **(Previously presented)** The method of Claim 18 wherein:
the transaction message is sent to the mobile buyer processor according to a portable
identifier associated with such mobile buyer processor.

26. **(Previously presented)** The method of Claim 18 wherein:
an object representation of the mobile buyer processor comprises an object name, an
object identifier, an object group, an object query, an object condition, an object status, an
object location, an object time, an object error, or an object image, video, or audio broadcast
signal.

27. **(Previously presented)** The method of Claim 22 wherein:
the observable range is modifiable according to a rule set.

28. **(Previously presented)** The method of Claim 18 wherein:
the mobile buyer processor is monitored temporarily using an extrapolated or last-stored
positional or visual signal.

29. **(Previously presented)** The method of Claim 18 wherein:
the mobile buyer processor is authenticated according to a voice pattern, a finger-print
pattern, a handwritten signature, or a magnetic or smart-card signal.

30. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a book.

31. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a greeting card.

32. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a news report.

33. **(Canceled).**

34. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a sports report.

35. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a stock report.

36. **(Canceled).**

37. **(Previously presented)** The method of Claim 18 wherein:

the second transaction message comprises an electronic file comprising an artwork.

38. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a research database.

39. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a personal list.

40. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a recorded voice transmission.

41. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a recorded music transmission.

42. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a live voice transmission.

43. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising a live music transmission.

44. **(Previously presented)** The method of Claim 18 wherein:
the second transaction message comprises an electronic file comprising an electronic tool.

45. **(Previously presented)** The method of Claim 18 wherein:

the second transaction message comprises an electronic file comprising a commercial transaction.

46. **(Currently amended)** In an Internet-coupled network for electronically linking at least one fixed vendor processor to at least one mobile buyer processor, a vendor processor for transacting with one or more buyer processor, the vendor processor comprising:

a processor and a storage, wherein provided at least in part in the storage for execution by the processor is software for determining a first location of a mobile buyer processor coupled to the Internet, a first transaction message being receivable by the vendor processor from the mobile buyer processor, and the vendor processor accordingly sending to the mobile buyer processor a second transaction message indicating a fixed vendor processor proximately disposed to the first location, wherein the second transaction message is caused to be sent adaptively by software that matches a mobile buyer interest with a fixed vendor service or product by using past movement or location pattern of the mobile buyer, thereby facilitating local transaction efficiently between the mobile buyer and a nearby vendor, the second transaction message indicating real-time inventory and location-based pricing of available service or product of interest to the mobile buyer, the software providing access to a video surveillance of the mobile buyer, thereby enabling visual recognition of a personal image of such mobile buyer, the software being partitioned modularly or layered hierarchically in a first core component comprising a database, and a next functional component comprising a transaction module, whereby one or more software agent may function cooperatively with or use the first core or next functional component to enable extended or integrated network transaction between vendor and buyer processors.

47. **(Currently amended)** In an Internet-coupled network for electronically linking at least one fixed vendor processor to at least one mobile buyer processor, a mobile buyer processor for transacting with one or more fixed vendor processor, the mobile buyer processor comprising:

a processor and a storage, wherein provided at least in part in the storage for execution by the processor is software for indicating a first location of such mobile buyer processor, a first transaction message being transmittable to a vendor processor by the mobile buyer

processor, and the vendor processor accordingly sending to the mobile buyer processor a second transaction message indicating a fixed vendor processor proximately disposed to the first location, wherein the second transaction message is caused to be sent adaptively by software that matches a mobile buyer interest with a fixed vendor service or product by using past movement or location pattern of the mobile buyer, thereby facilitating local transaction efficiently between the mobile buyer and a nearby vendor, the second transaction message indicating real-time inventory and location-based pricing of service or product of interest to the mobile buyer available at the nearby vendor, the software providing access by the vendor processor to a video surveillance of the mobile buyer, thereby enabling visual recognition of a personal image of such mobile buyer, the software being partitioned modularly or layered hierarchically in a first core component comprising a database, and a next functional component comprising a transaction module, whereby one or more software agent may function cooperatively with or use the first core or next functional component to enable extended or integrated network transaction between vendor and buyer processors.

48. **(Previously presented)** The mobile buyer processor of Claim 47 wherein:
the processor receives a signal from a sensor coupled to a mobile buyer vehicle to determine that the vehicle fuel or power is low or empty, thereby modifying the mobile buyer interest for matching appropriate vendor service or product.

49. **(Previously presented)** The mobile buyer processor of Claim 47 wherein:
the processor receives a signal from a sensor coupled to a mobile buyer vehicle to determine that the vehicle has a flat tire or airbag deployment, thereby modifying the mobile buyer interest for matching appropriate vendor service or product.